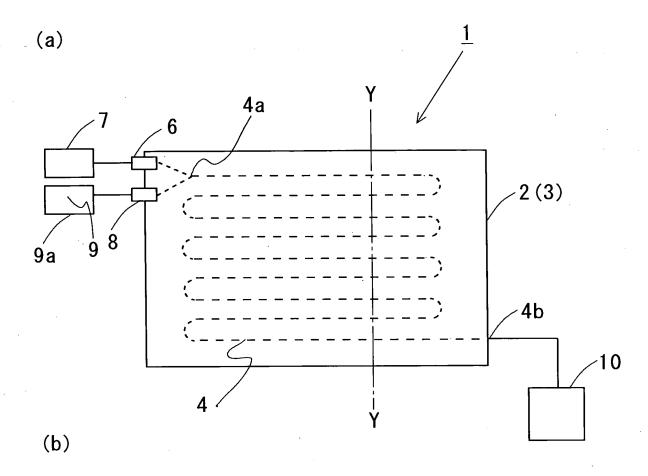
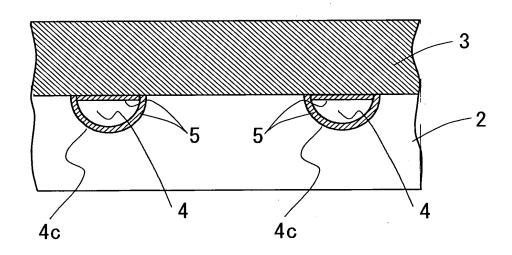
Westerman, Hattori, Daniels & Adrian, LLP
Title: Method of catalytic reaction using micro-reactor
Inventor(s) Shu KOBAYASHI et al.
Attorney Docket No.: 062844

FIG. 1





Westerman, Hattori, Daniels & Adrian, LLP
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FIG. 2

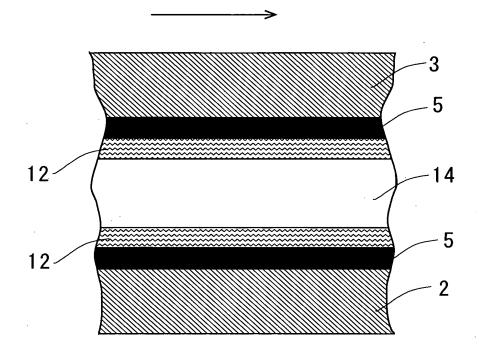


FIG. 3

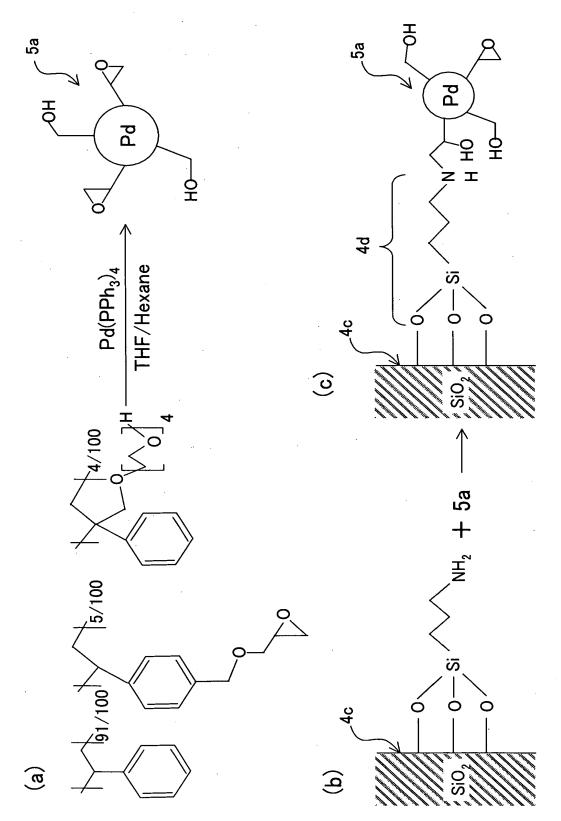


FIG. 4

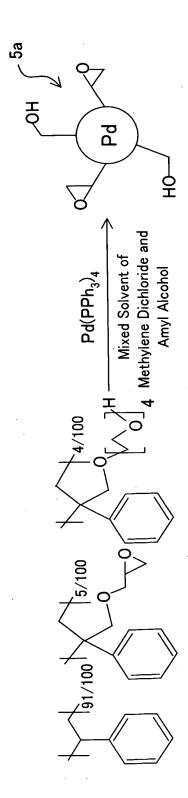
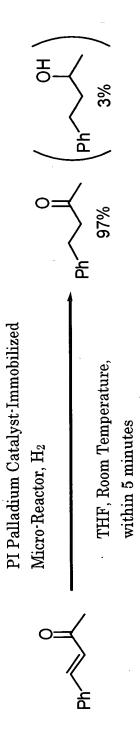


FIG. 5



## FIG. 6

PI Palladium Catalyst-Immobilized Micro-Reactor, H <sub>2</sub> (1cm <sup>3</sup> /min)			
THF, Room Temperature, within 5 mimutes			
Example	Substance to be Reduced	Reaction Product	Yield(%)
2	<u> </u>	0	100
3	Ph	Ph	100
4	Ph——Ph	Ph	100
5	Ph = Ph	Ph Ph	100
6	Ph = OH	Ph OH	100
7	Ph	Ph	99
8	NO <sub>2</sub>	NH <sub>2</sub>	82

## FIG. 7

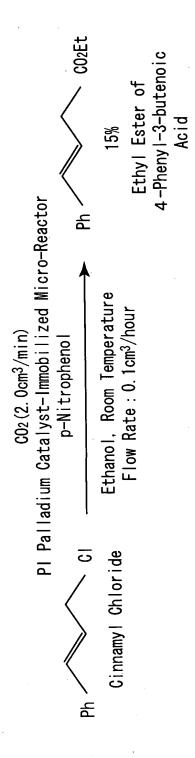


FIG. 8

